

ABSTRACT

The present invention relates to the generation of specific binding partners binding to (poly)peptides encoded by genomic DNA fragments or ESTs. The (poly)peptides are expressed as part of fusion proteins which are forming inclusion bodies on expression in host cells. The inclusion bodies are used to generate binding partners which bind specifically to said (poly)peptides. The specific binding partners, in particular immunoglobulins or fragments thereof, are useful for analysis and functional characterisation of proteins encoded by nucleic acid sequences comprising the corresponding genomic DNA fragments or ESTs. The invention further relates to nucleic acid molecules, vectors and host cells to be used in the methods of the present invention.

The invention further relates to the use of fusion proteins comprising the first N-terminal domain of the geneIII protein of filamentous phage as fusion partner for the expression of a (poly)peptide/protein fused to said fusion partner, and to methods for the expression of (poly)peptide/proteins.